

DCT o	coeffic	ient														
260	49	-16	5	2		0	1	Ì	16	4	2	0	0	0	0 1	0
-79	36	-2	-7	1	-3	-1	-2	1	-7	3	0	0	0	0	0	0
0	-8	3	-2	-2	1	5	1		0	-1	0	0	0	0	0	0
-8	-4	5	_1	1_	7	6	-2	- →	-1	0	0	0	0	0	0	0
-2	-6	-1	-4	-4	-1	0	-1	↑	0	0	0	0	0	0	0	0
-3	-2	-1	_1_	1	2	-5	-1		0	0	0	0	0	0	0	0
-4	_1		0	0	-2	2	0	H	0	0	0	0	0	0	0	0
1	1,	1	1	-1	1	0	0		0	0	0	0	0	0	0	0
	(a)										(c)					
Quanti	zation	table)													
16	11	10	16	24	40	51	61									
12	12	14	19	26	58	60	55									
14	13	16	24	40	57	69	56									
14	17	22	29	- 51	87	80	62	Ш								
18	22	37	56	68	109	103	77									
24	35	55	64	81	104	113	92									
49	64	78	87	103	121	120	101									
72	92	95	98	112	100	103	99									
			((b)				,								

FIG. 2

Grouping of finite differences of DC coefficient								
Group No.	DC finite defferences	Added bit						
0	0	0						
1	-1, 1	1						
. 2	-3, -2, 2, 3	2						
3	-7~-4, 4~7	3						
4	-15~-8, 8~15	4						
5	-31~-16,16~31	5						
6	-63~-32, 32~63	6						
7	-127~-64, 64~127	7						
8	-255~-128, 128~255	8						
9	-511~-256, 256~511	9						
10	-1023~-512, 512~1023	10						
11	-2047~-1024, 1024~2047	11						
12	-4095~-2048, 2048~4095	12						
13	-8191~-4096, 4096~8191	13						
14	-16383~-8192, 8192~16383	14						
15	-32767~-16384, 16384~32767	15						

FIG. 3A

Coding table for Group No.

Group No.	Code length	Coded word
0	2	00
1	3	010
2	3	011
3	3	100
4	3	101
5	3	110
6	4	1110
7	5	11110
8	6	111110
9	7	1111110
10	8	11111110
11	9	111111110
12	10	1111111110
13	11	11111111110
14	12	111111111111
15	13	11111111111110

FIG. 3B

Grouping of finite differences of AC coefficient

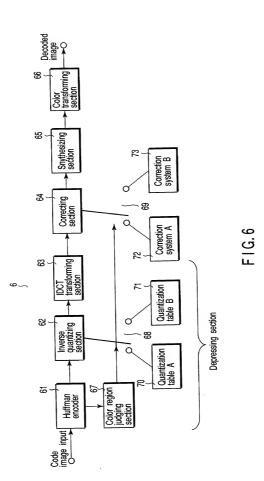
	Committee directorises of Ao coefficient									
Group No.	DC finite differences	Added bit								
0	0	0								
1	-1, 1	1								
<u> 2</u>	-3, -2, 2, 3	2								
3	-7~-4, 4~7	3								
4	-15~-8, 8~15	4								
<u> </u>	-31~-16,16~31	5								
6	-63~-32, 32~63	6								
8	-127~-64, 64~127	7								
9	-255~-128, 128~255	8								
10	-511~-256, 256~511	9								
11	-1023~-512, 512~1023	10								
12	-2047~-1024, 1024~2047 -4095~-2048, 2048~4095	111								
13	-8191~-4096, 4096~8191	12								
14	-16383~-8192, 8192~16383	13								
15	-32767~-16384, 16384~32767	14								
16	32753	15								
	0E/30									

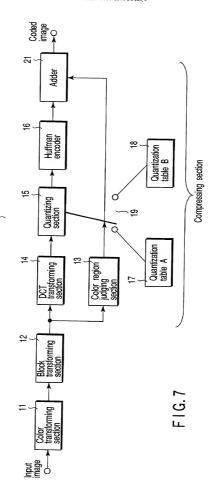
_		Group No.								
		0	1	2		14	15			
	0	0000	00010	00011						
	1	0100	01010	01011						
	2	1000								
Color region information			Code Group	is assign No. and	ed to ea color re	ch of gion				
	7									

FIG.4

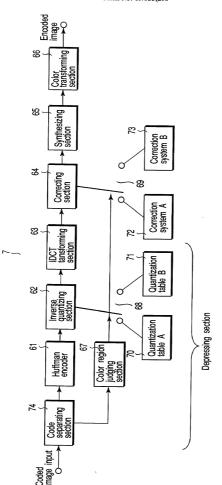
		Group No.								
		0	1	2		14	15			
	0	EOB								
	1									
	2									
Run-	1		Huffmar	code a						
Run- length										
	i									
	14									
	15	ZRL								

FIG. 5

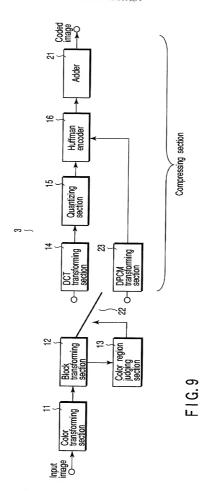




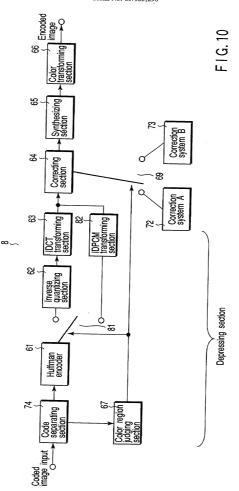
Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. Serial No. 09/955,290



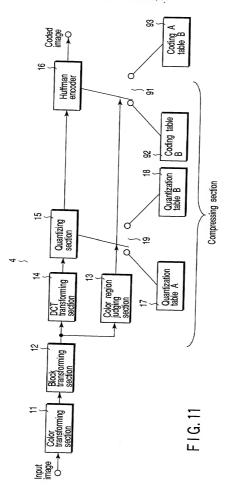
F1.5

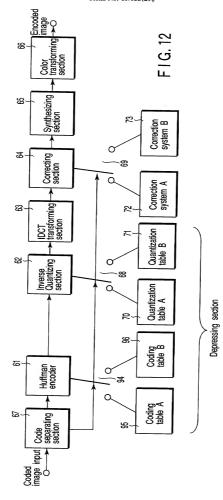


Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. Serial No. 09/955,290



Title: IMAGE COMPRESSION APPARATUS, IMAGE DEPRESSION APPARATUS AND METHOD THEREOF Inventor(s): Hirokazu SHODA et al. Serial No. 09/955,290





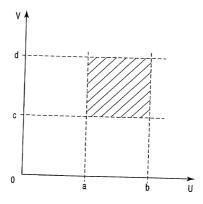


FIG. 13